

FIG. 1

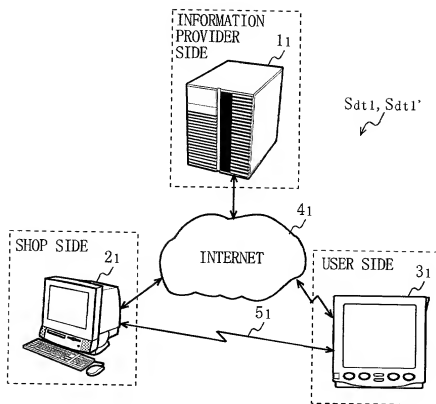


FIG. 2

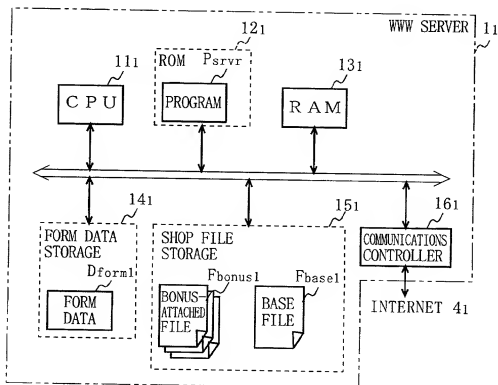


FIG. 3A

FIG. 3A is a form with a dashed border. It contains five input fields, each with a label to its left and a pointer to its right. The labels and pointers are: 'SHOP NAME' with 'Cname', 'SHOP INFORMATION' with 'Cinfo', 'BONUS DETAILS' with 'Ccob', 'BONUS IDENTIFIER IDbonus' with 'Ciob', and 'TRANSMISSION' with 'Btxl'. A pointer labeled 'Finl' points to the right side of the form.

FIG. 3B

FIG. 3B is a form with a dashed border. It contains three main sections. The top section is a box labeled 'PUB X' with a pointer 'INshop1' pointing to its right side. Inside this box is a 'BONUS' message: 'BRING DATA TERMINAL EQUIPMENT 3 WITH THE FOLLOWING BONUS IDENTIFIER IDbonus RECORDED THEREON. YOU WILL GET THE BONUS BELOW. •20% OFF ON MEAL CHARGES'. Below this is a field labeled 'BONUS IDENTIFIER IDbonus:yyyy'. The bottom section is a map labeled 'MAP AROUND THE SHOP' showing a 'Y STATION' and a 'PUB X' area.

FIG. 4

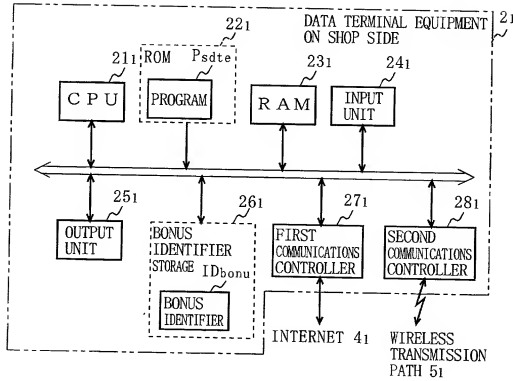


FIG. 5

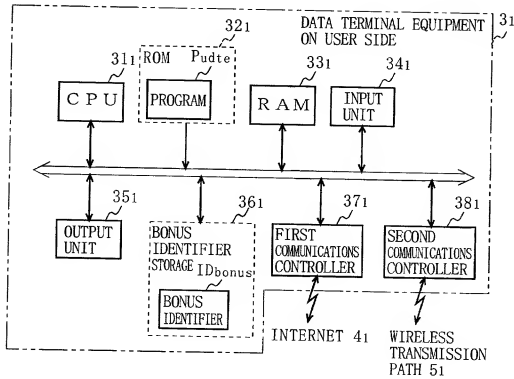
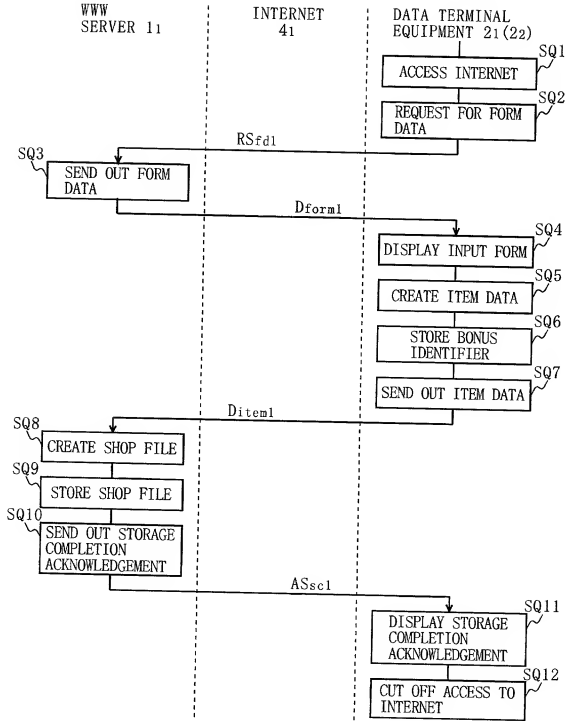


FIG. 6



1003266.0007.00

FIG. 7

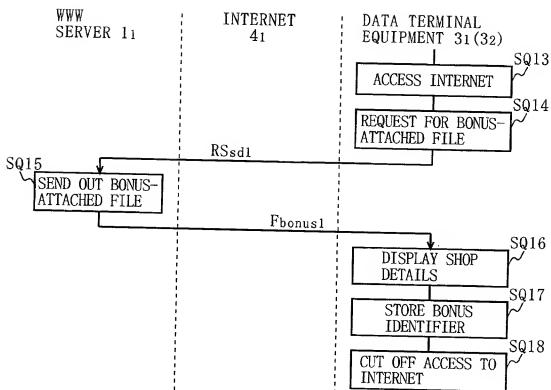


FIG. 8

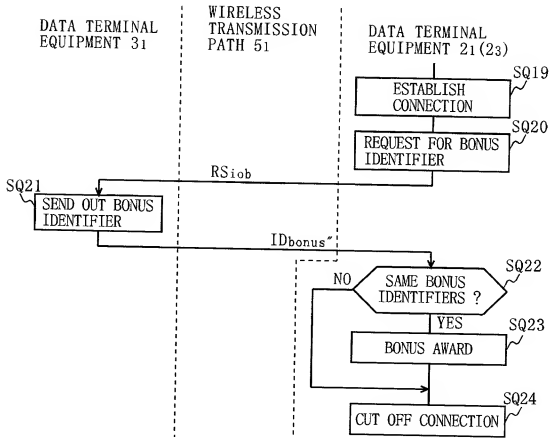


FIG. 9

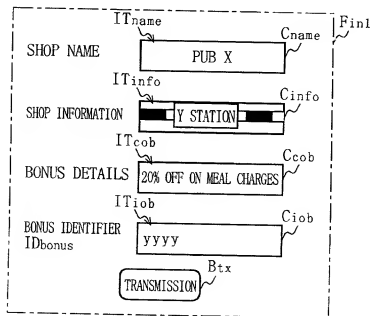


FIG. 10

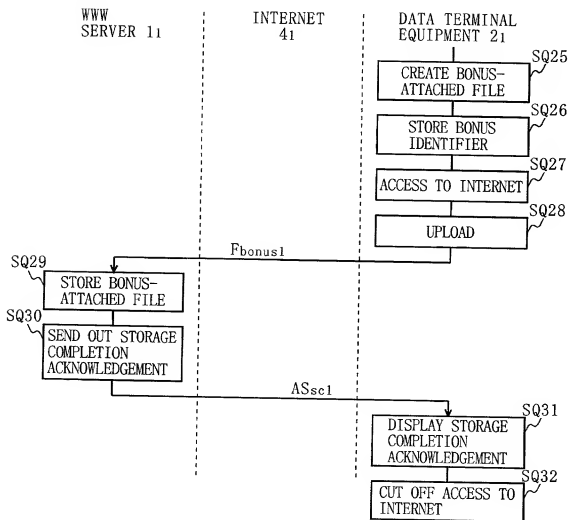


FIG. 11

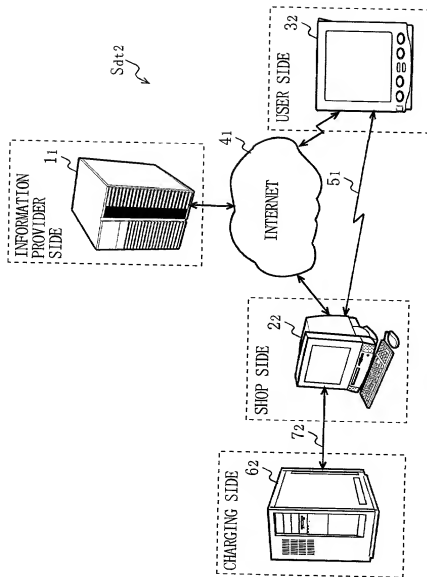


FIG. 12

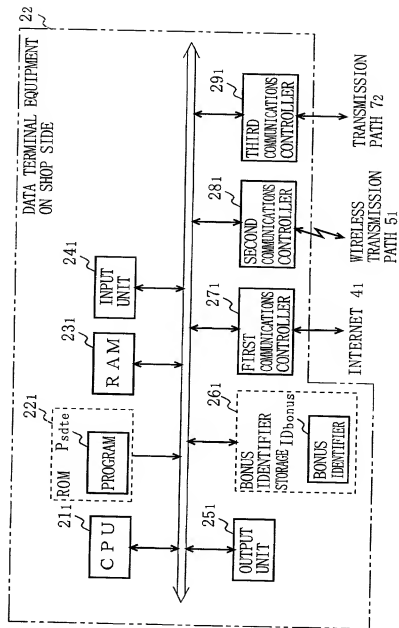


FIG. 13

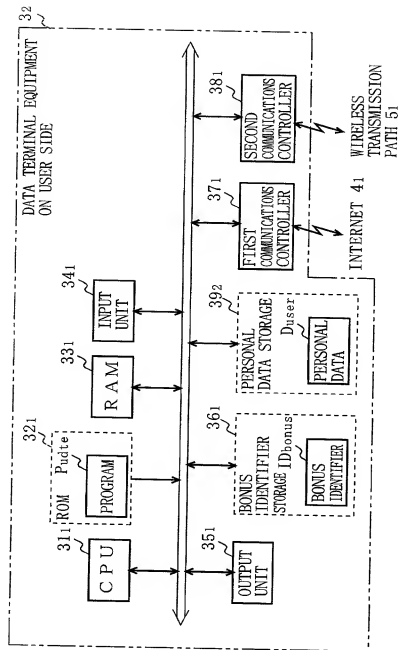


FIG. 14 A

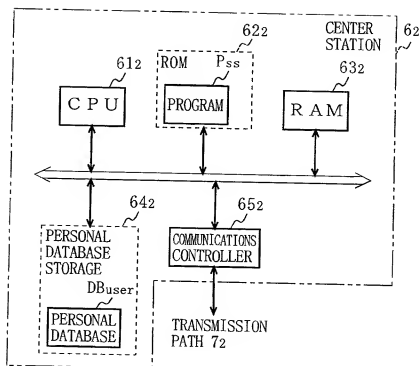


FIG. 14 B

PERSONAL DATA Duser		STATUS DATA Dstat		
CREDIT CARD NUMBER	VALID DATE	DATE USED	SHOP NAME	CHARGE AMOUNT
Runit21 { WWXXYYZZ	YY1/MM1	MM1/DD1	PUB X	\$100
Runit21 { WYYYXXZZ	YY2/MM2	MM2/DD2	RESTAURANT Z	\$200
⋮	⋮	⋮	⋮	⋮
Runit21 { WWXXYYZZ	YY1/MM1	MM3/DD3	DEPARTMENT Y	\$320

FIG. 15

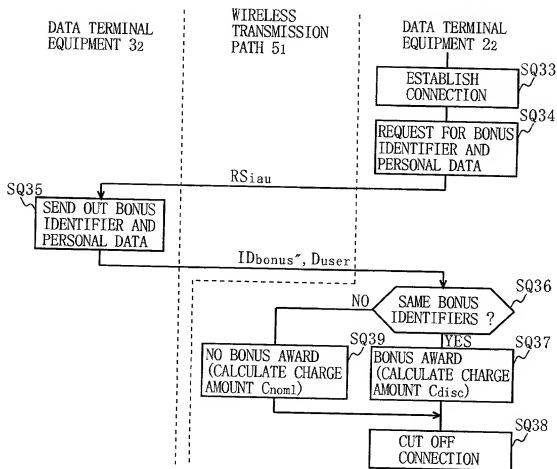


FIG. 16

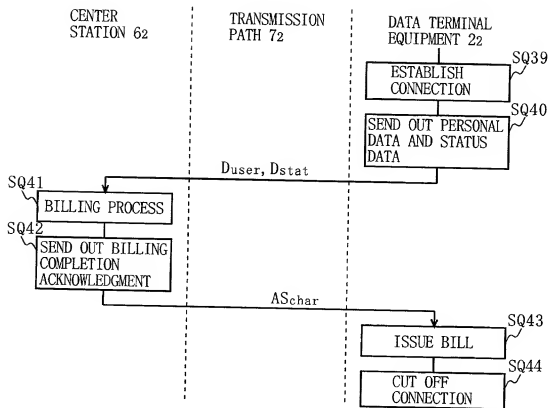


FIG. 17

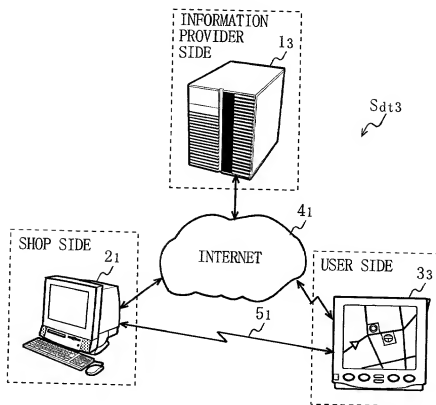


FIG. 18

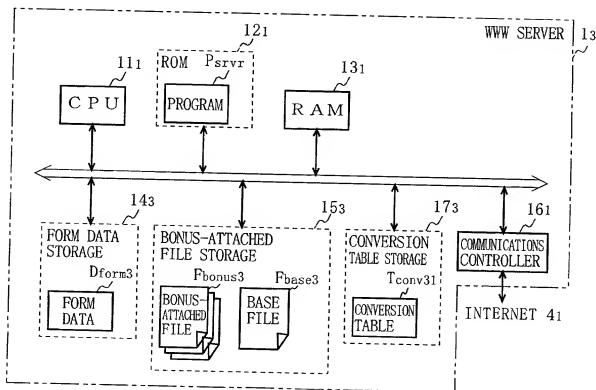


FIG. 19A

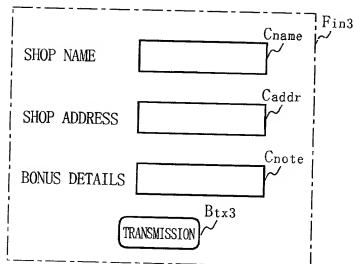


FIG. 19B

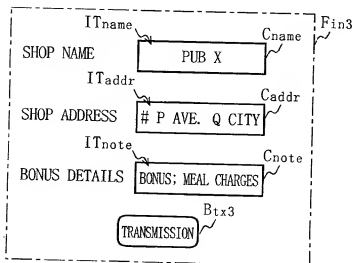


FIG. 20A

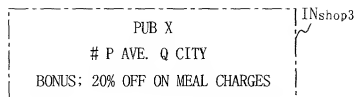


FIG. 20B

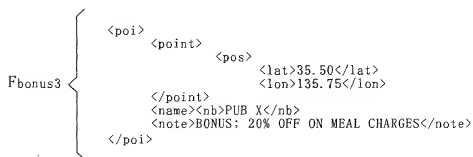


FIG. 21A

Tconv31

	SHOP ADDRESS (ITEM ITaddr)	REPRESENTATIVE SHOP POSITION Ptype (LATITUDE, LONGITUDE)
Runit31	# P AVE. Q CITY	(35. 50, 135. 75)
Runit31	# R AVE. S CITY	(37. 30, 136. 65)
	⋮	⋮
Runit31	# T AVE. U CITY	(36. 45, 135. 63)

FIG. 21B

Tconv32

	REPRESENTATIVE SHOP POSITION Ptype (LATITUDE, LONGITUDE)	SHOP ADDRESS (ITEM ITaddr)
Runit32	(35. 50, 135. 75)	# P AVE. Q CITY
Runit32	(37. 30, 136. 65)	# R AVE. S CITY
	⋮	⋮
Runit32	(36. 45, 135. 63)	# T AVE. U CITY

FIG. 22

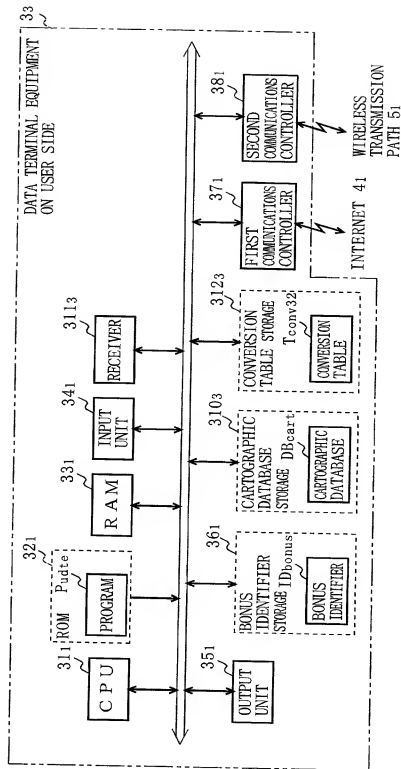


FIG. 23

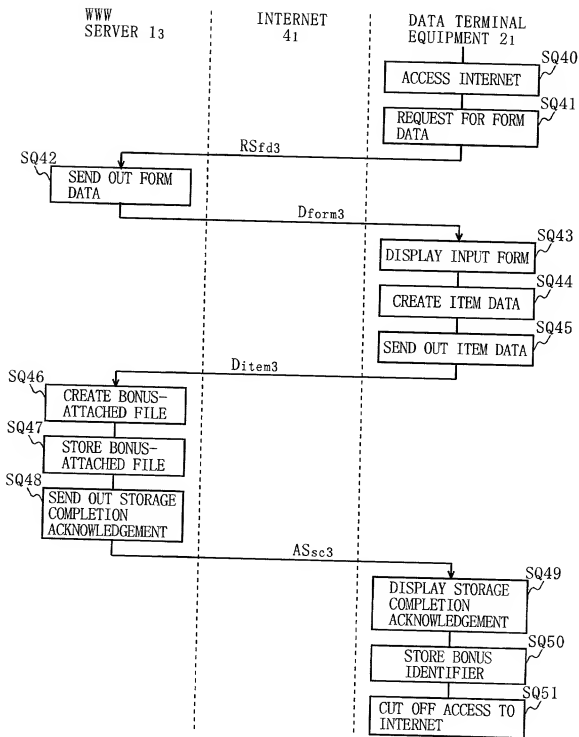


FIG. 24

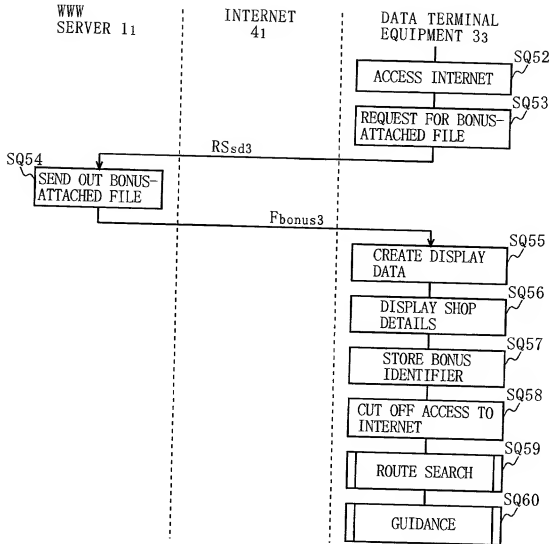


FIG. 25

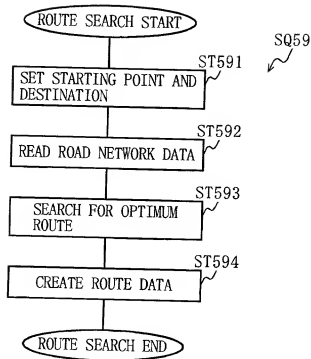


FIG. 26

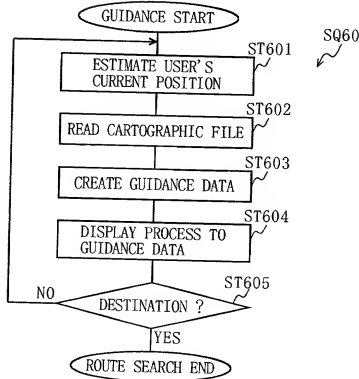


FIG. 27A PRIOR ART

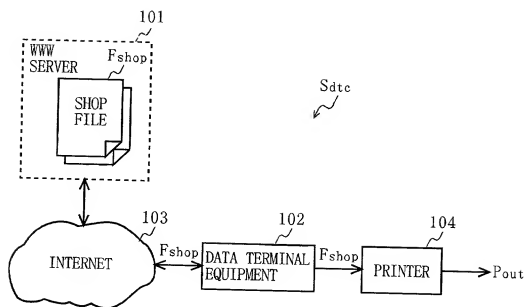


FIG. 27B PRIOR ART

